

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	US-3144403-\$.DID. OR US-5064525-\$.DID. OR EP-0067036-\$.DID. OR EP-0499743-\$.DID. OR EP-0538819-\$.DID. OR WO-0234863-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2009/03/06 10:58
S2	30	((JOHN) near2 (SCHILD)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 11:45
S3	5	((WELDON) near2 (CAPPEL)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 11:46
S4	4257	(triethylene adj diamine)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 12:00
S5	5	S4 epoxyhexadecane	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 12:00
S6	2	"4734525".pn. or "4096085".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 12:03
S7	22	(amidine near5 mercaptan)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 12:24
S8	4	(thiolysis near5 \$4epoxide\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 14:27
S9	26023	(DABCO OR DBN OR DBU)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 14:37
S10	6517	S9 (mercaptan OR thiol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 14:37
S11	1511	S10 epoxide	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 14:37
S12	557	S11 xylene	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 14:38
S13	118	S12 (dipropylene adj glycol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 14:41
S14	1	US "20050197390".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/06 15:33
S15	8851	("1,5-diazabicyclo[4.3.0]non-5-ene" OR "1,8-diazabicyclo[5.4.0]undec-7-ene")	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:36
S16	648806	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR TED OR DABCO)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:39
S17	5684	S16 (epoxide OR oxirane)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:39
S18	2	S17 thiolysis	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:40
S19	1571	(epoxide near5 (thiol OR mercaptan))	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:52

S20	84	S19 S16	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:53
S21	6	(S19 same S16)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 10:53
S22	2	("2927946").URPN.	USPAT	AND	ON	2009/03/09 11:29
S23	1	"2862804".pn.	USPAT	AND	ON	2009/03/09 11:31
S24	3	("2862804").URPN.	USPAT	AND	ON	2009/03/09 11:33
S25	18569	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR DABCO)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 11:34
S26	67	S19 S25	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 11:34
S27	3	S19 same S25	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 11:35
S28	67	S19 S25	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 11:54
S29	366	S19 (tertiary adj amine)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 11:56
S30	85	S19 (cataly\$4 near6 (tertiary adj amine))	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 11:56
S31	2832	S25 epoxide	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 12:09
S32	55	S25 epoxyhexadecane	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 12:11
S33	2	"2977363".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 12:27
S34	6	("2977363").URPN.	USPAT	AND	ON	2009/03/09 12:27
S35	0	("2977363").detd.	USPAT	AND	ON	2009/03/09 12:29
S36	21	("2977363")	USPAT	AND	ON	2009/03/09 12:29
S37	1	"6267939".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 13:05
S38	15	(S25 near5 (lewis adj acid))	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 13:49
S39	261	(S25 near5 (phenol))	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 14:04
S40	46	(S39 near6 cataly\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 14:04
S41	2	"2927946".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 15:55
S42	4115	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR DABCO) (dipropylene adj glycol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 16:08

S43	1075	S42 (mercaptan OR thiol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 16:09
S44	443	S43 epoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/09 16:09
S45	14	S44 1,2-epoxyhexadecane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/09 16:10
S46	4115	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR DABCO) (dipropylene adj glycol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 16:13
S47	1075	S46 (mercaptan OR thiol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/09 16:13
S48	443	S47 epoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/09 16:13
S49	2	"4804758".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 08:30
S50	362	544/351.ccls. OR 544/352.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 09:07
S51	0	S50 thiolysis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 09:07
S52	8	S50 (mercaptan OR thiol) epoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 09:07
S53	2532	("1,5-diazabicyclo[4.3.0]non-5- ene")	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:15
S54	0	((("1,5-diazabicyclo[4.3.0]non-5- ene") and preparation).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:19
S55	0	((("1,5-diazabicyclo[4.3.0]non-5- ene") and (prepar\$5 OR form\$4 OR synthes\$4)).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:20
S56	0	("1,5-diazabicyclo[4.3.0]non-5- ene").ti.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:20
S57	0	DBN.ti.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:20
S58	0	("1,5-diazabicyclo[4.3.0]non-5- ene") epoxide thiolysis	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:20
S59	63	("1,5-diazabicyclo[4.3.0]non-5- ene") epoxide mercaptan	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 09:20

S60	2	WO-9802501-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 09:41
S61	718	(epoxide same (dipropylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 10:14
S62	648819	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR TED OR DABCO)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 10:15
S63	134	S61 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 10:15
S64	18572	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR DABCO)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 10:15
S65	69	S61 S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 10:15
S66	10	(epoxide near5 (dipropylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/10 10:15
S67	17590	\$3diazabicyclo\$8	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/12 16:36
S68	1979	S67 (dipropylene adj glycol)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/12 16:37
S69	118	S68 (\$3diazabicyclo\$8 near10 (isocyanate OR isothiocyanate OR ester OR chloride OR (sulfon \$4 adj chloride) OR sulfonamide OR chloroformate OR cyanoformate OR thioester))	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/12 16:40
S70	32	((JOHN) near2 (SCHILD)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 10:36
S71	5	"4129455".pn. OR "2927946".pn. OR "3707552".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 11:08
S72	21467	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR DABCO)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:10
S73	4506	S72 (dipropylene adj glycol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:19
S74	57	S73 ((crude OR oil) same (mercaptan OR thiol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:19

S75	1	S74 (\$4epoxyhexadecane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:20
S76	42	S74 epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:20
S77	1	S74 ((\$2hexadecene adj oxide) OR (\$4hexadecylene adj oxide) OR (\$4hexadecene adj epoxide) OR \$4epoxyhexadec\$1ne OR tetradecyloxirane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:24
S78	93	S73 ((crude OR petrol\$4 OR hydrocarbon\$5) same (mercaptan OR thiol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:25
S79	75	S78 epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 12:25
S80	21599	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2) octane" OR triethylenediamine OR DABCO OR \$4ethylenepiperazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:08
S81	4531	S80 (dipropylene adj glycol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:09
S82	94	S81 ((crude OR petrol\$4 OR hydrocarbon\$5) same (mercaptan OR thiol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:09
S83	27	S82 (alkyl\$1epoxide OR epoxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:10
S84	11	S81 ((crude OR petrol\$4) same (mercaptan OR thiol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:43
S85	1	S84 (alkyl\$1epoxide OR epoxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:43
S86	2	S81 ((crude OR petrol\$4) near10 (mercaptan OR thiol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:43
S87	2	S81 ((crude OR petrol\$4) near10 (mercaptan OR thiol OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:44

S88	2	S81 ((crude OR petrol\$4) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:44
S89	10354	S80 ((dipropylene adj glycol) OR isopropanol OR \$4butanediol OR (tetramethylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:45
S90	11	S89 ((crude OR petrol\$4) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:46
S91	1	S90 (alkyl\$1epoxide OR epoxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:46
S92	658210	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR TED OR DABCO OR ("1,5-diazabicyclo[4.3.0]non-5-ene") OR "1,8-diazabicyclo[5.4.0]undec-7-ene")	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 13:57
S93	658330	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR \$ethylenepiperazine OR TED OR DABCO OR ("1,5-diazabicyclo[4.3.0]non-5-ene") OR "1,8-diazabicyclo[5.4.0]undec-7-ene")	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 13:58
S94	19288	S93 ((dipropylene adj glycol) OR isopropanol OR \$4butanediol OR (tetramethylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:58
S95	3245	S94 (alkyl\$1epoxide OR epoxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:58
S96	52	S95 ((\$2hexadecene adj oxide) OR (\$4hexadecylene adj oxide) OR (\$4hexadecene adj epoxide) OR \$4epoxyhexadec\$1ne OR tetradecyloxirane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:59
S97	1	S96 ((crude OR petrol\$4) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 13:59
S98	8747	\$3diazabicyclo\$8 ((dipropylene adj glycol) OR isopropanol OR \$4butanediol OR (tetramethylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:03

S99	17	S98 ((crude OR petrol\$4) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:03
S100	17739	(\$3diazabicyclo\$8 OR diazo) ((dipropylene adj glycol) OR isopropanol OR \$4butanediol OR (tetramethylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:06
S101	26	S100 ((crude OR petrol\$4) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:06
S102	36	S100 ((crude OR petrol\$4 OR gasoline OR (heavy adj oil) OR residual OR residuum) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:08
S103	37	S100 ((crude OR petrol\$4 OR gasoline OR (heavy adj oil) OR residual OR residuum OR naphtha OR (gas adj oil)) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:09
S104	2066	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR DABCO).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:21
S105	0	S104 ((crude OR petrol\$4) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:22
S106	32	S104 (alkyl\$1epoxide OR epoxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:22
S107	185	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR DABCO).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:22
S108	0	("1,5-diazabicyclo[4.3.0]non-5-ene").ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:34
S109	33382	(544/224.ccls. OR 544/336.ccls. OR 544/338.ccls. OR 544/339.ccls. OR 544/34\$1.ccls. OR 544/35\$1.ccls. OR 544/36\$1.ccls. OR 544/37\$1.ccls. OR 544/38\$1.ccls. OR 544/39\$1.ccls. OR 544/40\$1.ccls. OR 528/423.ccls. OR 528/424.ccls. OR 508/24\$1.ccls. OR 508/25\$1.ccls. OR 508/26\$1.ccls. OR 508/27\$1.ccls. OR 508/28\$1.ccls. OR 508/29\$1.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:37

S110	2041	S109 epoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:37
S111	6	S110 ((crude OR petrol\$4 OR gasoline OR (heavy adj oil) OR residual OR residuum OR naphtha OR (gas adj oil)) near10 (mercapt\$5 OR thio\$5OR sour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:38
S112	15080	S109 (epoxide OR isocyanate OR isothiocyanate OR ((sulfonyl OR acid OR phosphoryl) adj chloride) OR sulfonamide OR chloroformate OR thioester OR (alkyl adj halide) OR lactone OR (aromatic adj halide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:43
S113	1696	S112 ((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:46
S114	711	S112 ((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residual OR residuum OR asphaltene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:48
S115	68	S112 (((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residual OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:49
S116	10	S112 (((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:50
S117	15725	S109 (epoxide OR (alkylene adj oxide) OR isocyanate OR isothiocyanate OR ((sulfonyl OR acid OR phosphoryl) adj chloride) OR sulfonamide OR chloroformate OR thioester OR (alkyl adj halide) OR lactone OR (aromatic adj halide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:57

S118	11	S117 (((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:58
S119	6173	S94 (alkyl\$1 epoxide OR epoxide OR (alkylene adj oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:59
S120	0	"L450" (((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:59
S121	2	S119 (((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 14:59
S122	27167	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR \$ethylenepiperazine OR DABCO OR ("1,5-diazabicyclo[4.3.0]non-5-ene") OR "1,8-diazabicyclo[5.4.0]undec-7-ene")	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 15:09
S123	39111	("1,4-diazabicyclo[2.2.2]octane" OR "1,4-diazabicyclo(2.2.2)octane" OR triethylenediamine OR \$ethylenepiperazine OR DABCO OR ("1,5-diazabicyclo[4.3.0]non-5-ene") OR "1,8-diazabicyclo[5.4.0]undec-7-ene" OR DBN OR DBU)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 15:10
S124	17408	S123 ((dipropylene adj glycol) OR isopropanol OR \$butanediol OR (tetramethylene adj glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 15:10
S125	0	S124 (((reduc\$4 OR lower\$4 OR decreas\$4) near5 (sulfur OR sulphur OR mercapt\$5 OR thio \$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 15:11

S126	60	S124 (((sulfur OR sulphur OR mercapt\$5 OR thio\$5)) same (gasoline OR naphtha OR (gas adj oil) OR (heavy adj oil) OR (heavy adj Crude) OR resid OR residuum OR asphaltene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/05 15:11
S127	6	((WELDON) near2 (CAPPEL)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/05 15:33

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S128	6	((WELDON) near2 (CAPPEL)). INV.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:33
S129	33	((JOHN) near2 (SCHIELD)).INV.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:33
S130	26606	(544/224.ccls. OR 544/336.ccls. OR 544/338.ccls. OR 544/339. ccls. OR 544/34\$1.ccls. OR 544/35\$1.ccls. OR 544/36\$1. ccls. OR 544/37\$1.ccls. OR 544/38\$1.ccls. OR 544/39\$1. ccls. OR 544/40\$1.ccls. OR 528/423.ccls. OR 528/424.ccls. OR 508/24\$1.ccls. OR 508/25\$1. ccls. OR 508/26\$1.ccls. OR 508/27\$1.ccls. OR 508/28\$1. ccls. OR 508/29\$1.ccls.)	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:35
S131	26640	S128 OR S129 OR S130	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:35
S132	60	S131 ("1,4-diazabicyclo[2.2.2] octane" OR "1,4-diazabicyclo (2.2.2)octane" OR triethylenediamine OR \$ \$ethylenepiperazine OR DABCO OR ("1,5-diazabicyclo[4.3.0]non- 5-ene") OR "1,8-diazabicyclo [5.4.0]undec-7-ene" OR DBN OR DBU).ti.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:36
S133	7	S132 ((dipropylene adj glycol) OR isopropanol OR \$4butanediol OR (tetramethylene adj glycol)). clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:37
S134	0	S132 (epoxide).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:38
S135	0	S132 (alkylene adj oxide).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:38

S136	2	S132 (epoxide OR isocyanate OR isothiocyanate OR ((sulfonyl OR acid OR phosphoryl) adj chloride) OR sulfonamide OR chloroformate OR thioester OR (alkyl adj halide) OR lactone OR (aromatic adj halide)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:39
S137	0	S132(\$4epoxyhexadec\$1ne).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:42
S138	0	S132(epoxyhexadec\$1ne).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:42
S139	0	S132 ((\$2hexadecene adj oxide) OR (\$4hexadecylene adj oxide) OR (\$4hexadecene adj epoxide) OR \$4epoxyhexadec\$1ne OR tetradecyloxirane).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:43
S140	0	S132 (sour OR mercapt\$7 OR thio\$7).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:44
S141	183	S131 ((dipropylene adj glycol) OR isopropanol OR \$4butanediol OR (tetramethylene adj glycol)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:46
S142	1	S141 ((\$2hexadecene adj oxide) OR (\$4hexadecylene adj oxide) OR (\$4hexadecene adj epoxide) OR \$4epoxyhexadec\$1ne OR tetradecyloxirane).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:46
S143	17	S141 (epoxide OR isocyanate OR isothiocyanate OR ((sulfonyl OR acid OR phosphoryl) adj chloride) OR sulfonamide OR chloroformate OR thioester OR (alkyl adj halide) OR lactone OR (aromatic adj halide)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:46
S144	5	S143 (sour OR mercapt\$7 OR thio\$7).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/05 15:47

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